

METHOD AND SYSTEM FOR A SIMULATION AUTHORIZING  
ENVIRONMENT IMPLEMENTED IN CREATING A SIMULATION APPLICATION

ABSTRACT OF THE INVENTION

A method and system for creating a simulation authoring environment. Specifically, the present invention discloses a method and system for creating a simulation application that simulates a real-life interaction with a network device. In one embodiment, a real command-line interface with the device is monitored at a server computer. The interface, including the line-commands and their outputs are captured. The line-commands for the particular communication sequence are summarized and grouped into steps. Also, the line-commands can be edited. New line-commands can also be introduced into the communication sequence. Additionally, the server computer re-executes the communication sequence in order to determine all the valid permutations associated with the communication sequence. A simulation application is generated such that the simulation application presents real-life outputs to command-line inputs in an instructional exercise format.